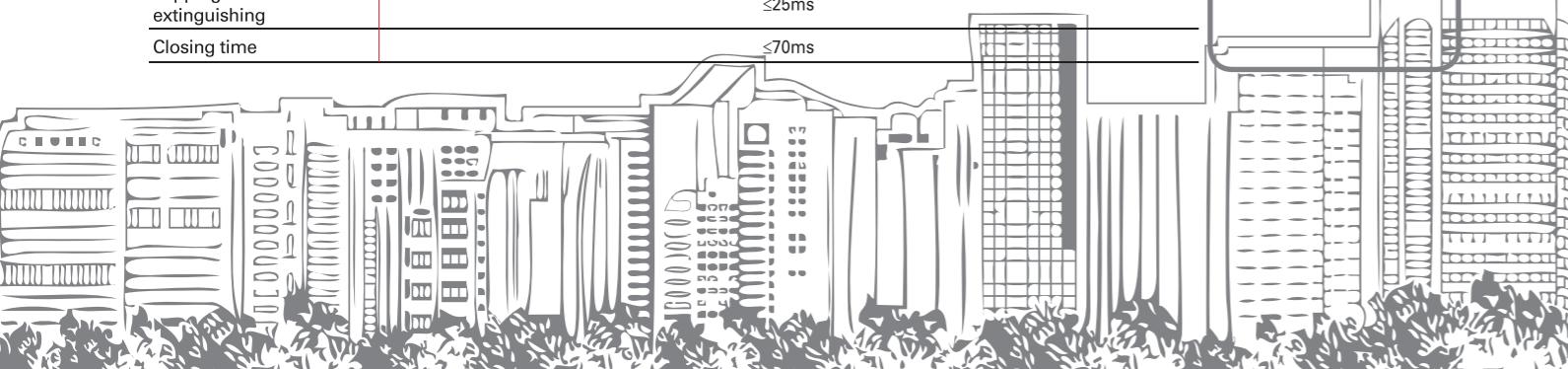


Air Circuit Breaker HDW3



Overview

Technical Parameters										
Common features										
Pole	3, 4									
Rated operational voltage AC Ue(V)	400/415	660/690V								
Rated insulation voltage Ui(V)	1000									
Rated impulse withstand voltage Uimp(kV)	12									
Rated frequency (Hz)	50/60									
For isolation										
Standard										
Certification										
Product										
HDW3										
Frame size	1600M	1600S	2000M	2000S	3200M	3200S	4000M	4000S	6300M	6300S
Rated current In(A)										
400	■	■								
630	■	■	■	■	■	■				
800	■	■	■	■	■	■				
1000	■	■	■	■	■	■				
1250	■	■	■	■	■	■				
1600	■	■	■	■	■	■	■	■	■	■
2000		■	■	■	■	■	■	■	■	■
2500			■	■	■	■	■	■	■	■
3200				■	■	■	■	■	■	■
4000					■	■	■	■	■	■
5000							■	■	■	■
6300								■	■	■
Breaking capacity	400V	690V	400V	690V	400V	690V	400V	690V	400V	690V
Icu (kA)	50	35	42	35	80	50	65	40	80	65
Ics (kA)	42	35	42	35	65	40	65	40	65	50
Icw(1s)(kA)	42	35	42	35	65	40	65	40	65	50
Mechanical life	Without maintenance	12500		15000		10000		10000		2500
	With maintenance	25000		30000		20000		20000		5000
Electrical life	400/415V	6000		6500		5000		5000		800
	690V	4000		4000		3000		3000		500
Dimension(mm)										
Draw-out	3P	322*288*330	436*405*425	436*465*425	439*441*428.6	441.5*815*508				
	4P	322*358*330	436*500*425	436*580*425	439*556*428.6	441.5*930*508				
Fixed	3P	310*276*229	397*364*327	397*428*327	352*422*329.5	/				
	4P	310*346*229	397*459*327	397*543*327	352*537*329.5	/				
Weight(KG)										
Draw-out type	3P	34	73.6	93.8	78	233				
	4P	41	85.5	115	95	271.8				
Fixed type	3P	14	41.4	53.4	42	/				
	4P	17	52	68	52	/				
Tripping time										
Tripping time with arc extinguishing					≤25ms					
Closing time					≤70ms					



iRT 326 Controller

Intelligent Controller Introduction

iTR326 iTR326A iTR326H



Protection function	Overload protection L	Overload protection L	Overload protection L
	Short-circuit protection with short delay S	Short-circuit protection with short delay S	Short-circuit protection with short delay S
	Short-circuit protection instantaneous I	Short-circuit protection instantaneous I	Short-circuit protection instantaneous I
	Ground protection G	Ground protection G	Ground protection G
	MCR Protection	MCR protection	MCR protection
	HSISC protection	HSISC protection	HSISC protection
			Under voltage protection/alarm
			Oversupply protection/alarm
			voltage unbalance protection /alarm
			Phase sequence protection/alarm
			Low frequency protection/alarm
			High frequency protection/alarm
			Reverse power protection/alarm
Measurement	Current measurement		Current measurement
	Voltage measurement		Voltage measurement
	Power measurement		Power measurement
	Frequency measurement		Frequency measurement
	Harmonics measurement		
Auxiliary	Pre-alarm	Pre-alarm	Pre-alarm
	Event record	Self-diagnostic	Self-diagnostic
	Test	Event record	Event record
		Test	Test
Display	LED		LCD
Special function	Load monitoring		Zone selective interlock
Communication	Modbus		

